


The Parents


On 20 January 2003, one pair of adult Javan gibbon was introduced to the primate center

Ari



Male
~ 15 Yrs old; 6.8 kg

Mimis



Female
~ 7 Yrs old; 7.5 kg

Enclosure system

- 2 compartments cage

Each compartment quipped with environmental enrichment (wooden nesting cage, tree, wooden branch, resting perches, metal swings)

The 2 compartments are connected with corridor and equipped with sliding door at both sides

Paving block floor allowin grass to grow in the ground



Diet

- Fresh fruit
- Fresh vegetables
- Water (*ad-libitum*)
- Monkey chow




Pairing the Gibbons

Prior to pairing, intensive behavior observation was conducted to observe their interaction from separated cages (no physical contact, but vision & voice contact only)

June 2004, one connecting door was opened allowing Ari & Mimis to have limited physical contact. They both showed positive responses

July 2004, another transfer door was opened allowing them to occupy one (common) cage and could have physical contact

Behavior observation showed no agonistic behavior & positive sign on reproductive behavior



1st Offspring


Mid October 2004, first signs of Mimis' pregnancy

November 2004, USG & palpation were conducted and indicated a pregnancy of about 30 days

A male baby Javan gibbon was born on April 5, 2005 after a pregnancy of about 7 months

OJ
(Owa Jawa)

Weight: 0.5 kg (3 weeks after he was born)





2nd Offspring

A little more than one year later
(June 11, 2006)

Birth interval: 14 months
(shortest birth interval has been recorded)

Weight: 0.5 kg (1 month after she was born)

J-Lo



3rd Offspring

One and a half year later
(Dec 31, 2007)

OLA

4th Offspring

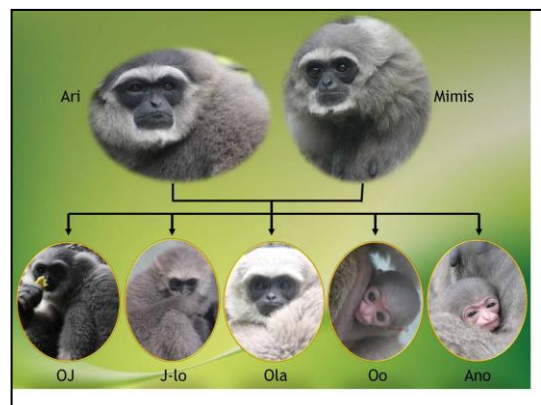
Two years later
(Dec 1, 2009)


Oo

5th Offspring

19 months later
(July 11, 2011)

ANO





To support conservation through captive breeding


➔ **Biomedical Research**

In cooperation with Perum Perhutani in using Tinjil Island as Semi Natural Habitat Breeding Facility for Long-tailed macaques

Natural Habitat Breeding of Long-tailed Macaques



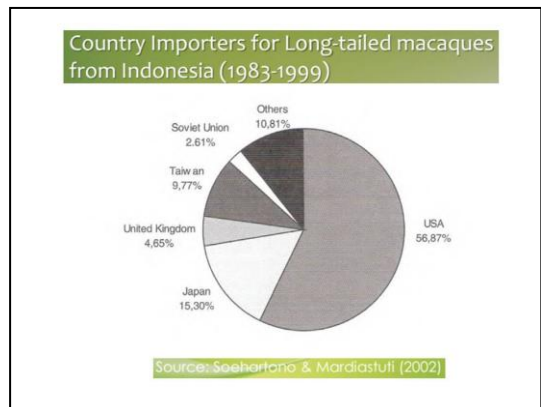
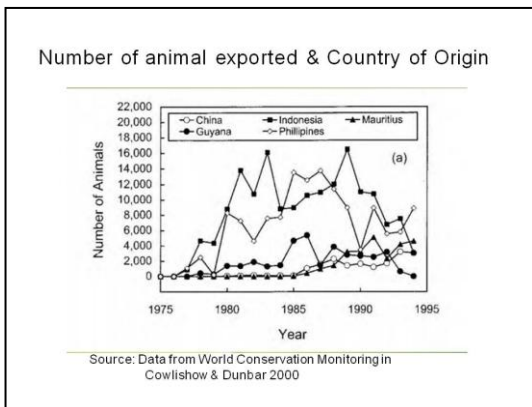
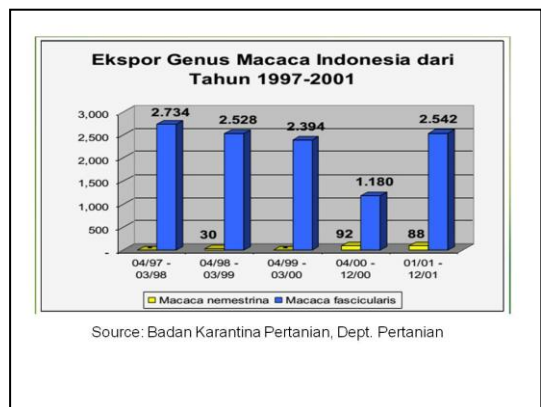

Background



Animal model needs is increasing


Beginning 1994, government stopped primate use from wild caught

➔ **Ex-situ captive breeding of *Macaca fascicularis***

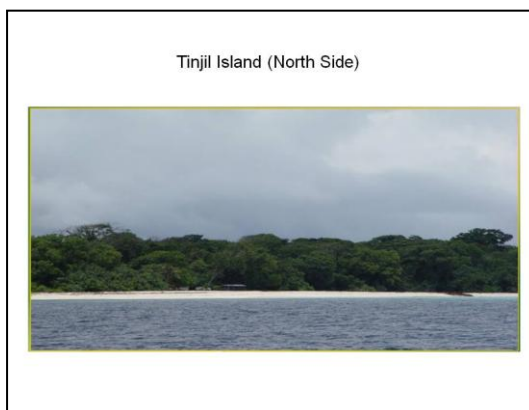
Gray to reddish brown fur with lighter underparts

Body weight: 3.6-7.0 kg
Head and body length: 39-57.5 cm



- Multimale-Multifemale group
- Quadrupedal moving





Breeders Released

| No. | Release Date | Male | Female | Total |
|-----|-------------------|-----------|------------|------------|
| 1. | 21 February 1988 | 1 | 50 | 51 |
| 2. | 29 April 1988 | 5 | 10 | 15 |
| 3. | 10 July 1988 | 2 | 11 | 13 |
| 4. | 26 July 1988 | 7 | 51 | 58 |
| 5. | 28 September 1988 | 0 | 10 | 10 |
| 6. | 14 March 1989 | 13 | 53 | 66 |
| 7. | 26 April 1989 | 1 | 47 | 48 |
| 8. | 21 October 1989 | 29 | 96 | 125 |
| 9. | 26 June 1990 | 0 | 89 | 89 |
| 10. | 4 June 1991 | 0 | 3 | 3 |
| 11. | 5 September 1994 | 0 | 42 | 42 |
| 12. | 20 May 2006 | 3 | 32 | 35 |
| 13. | 5 January 2007 | 0 | 48 | 48 |
| | Total | 61 | 542 | 603 |

